

UNCLASSIFIED

CLASSIFICATION:

EXHIBIT R-2, RDT&E Budget Item Justification								DATE: February 2002			
APPROPRIATION/BUDGET ACTIVITY RESEARCH DEVELOPMENT TEST & EVALUATION, NAVY / BA-6						R-1 ITEM NOMENCLATURE 0604256N, Threat Simulator Development					
COST (\$ in Millions)	Prior Year Cost		FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Total PE Cost			23.215	29.844	30.599	29.095	30.188	30.696	31.261	Continuing	Continuing
E0602 Electronic Warfare Environment Sim (ECHO)			12.608	16.276	16.372	14.733	15.215	15.452	15.717	Continuing	Continuing
R0672 Effectiveness of Navy E.W. Systems (ENEWS)			10.607	13.568	14.227	14.362	14.973	15.244	15.544	Continuing	Continuing
Quantity of RDT&E Articles	Not Applicable										
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This is a continuing program that consolidates the design, fabrication and integration of Naval Electronic Warfare (EW) threat simulators for increased managerial emphasis and coordination. These simulator development efforts provide realistic Developmental and Operational Test and Evaluation (DT&E/OT&E) environments to test Tri-Services EW systems and defensive tactics. These projects develop former Soviet and Free-World Anti-Air and Anti-Ship weapon systems simulators in accordance with the Services requirements.</p> <p>(U) The E0602 Project, EW Environment Simulation (ECHO) provides airborne system component level Test and Evaluation (T&E) at the Electronic Combat Simulation and Evaluation Laboratory (ECSEL), Naval Air Warfare Center Weapons Division (NAWCWD), Point Mugu, CA. ECHO also provides a secure anechoic closed loop T&E facility for fully integrated, aircraft-installed systems testing at the EW Integrated Systems Test Laboratory (EWISTL) at the Naval Air Warfare Center Aircraft Division (NAWCAD), Patuxent River, MD. Included in this Project is the T&E of airborne systems and tactics in flight, against the open air range at the Electronic Combat Range (ECR) complex located at the NAWCWD, China Lake, CA.</p> <p>(U) The R0672 Project (formally E0672), Effectiveness of Navy EW Systems (ENEWS), is a Department of the Navy (DON) unique project that supports Test and Evaluation of Ships EW efforts. ENEWS provides T&E for surface and subsurface shipboard systems and tactics in digitally modeled battle scenarios at the component, fully integrated single ship, multi-ship and full-up multi-platform battle group levels. ENEWS also provides a secure anechoic closed loop T&E facility specifically designed to test shipboard systems at the stand alone subsystem or fully integrated systems level. The last and largest portion of this project addresses the flyable Infrared and Radio Frequency simulators flown on specially configured NP-3D aircraft to provide at-sea open air T&E for systems and tactics. All ENEWS assets are developed, operated and maintained by the Naval Research Laboratory (NRL), Washington, DC.</p> <p>(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under RDT&E MANAGEMENT SUPPORT because it supports the operations and installations required for general research, and development use.</p>											

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APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT NUMBER AND NAME				PROJECT NUMBER AND NAME					
RDT&E, N / BA-6		0604256N, Threat Simulator Development				E0602, ECHO					
COST (\$ in Millions)	Prior Year Cost		FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost			12.608	16.276	16.372	14.733	15.215	15.452	15.717	Continuing	Continuing
RDT&E Articles Qty	Not Applicable										
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The objective of this project is development of necessary simulation facilities and approaches to allow determination of the effectiveness of EW in real world engagement situations and to support the introduction of modern, effective systems into Naval Aviation. The heavy use of test resources by all Services demonstrates the importance of these assets. The Navy has been very successful in executing all of its major programs, and to date has had no major technical problems.</p> <p>(U) The EW Environment Simulation (ECHO) project is unique in that it is the only program within the Department of Defense (DOD) which develops and provides Naval anti-air warfare threat assets for Testing and Evaluation (T&E) and is a critical part of the Office of the Secretary of Defense (OSD) Test Resource Master Plan. The OSD Master Plan employs many ECHO project resources for planning, analysis, testing and verification of airborne EW equipment.</p> <p>(U) This project directly supports the T&E requirements of the following programs: High Speed Anti-Radiation Missile, ALR-67(V)2,3,4, ALQ-126B, ALQ-156, EW Advanced Technology (EWAT), Integrated Defensive Electronic Countermeasures (IDECM) (including the Radio Frequency Countermeasures (RFCM), Common Missile Warning System (CMWS), and Advanced StrategicTactical Expenditures (ASTE) subsystem T&E milestones), AVR-2, AAR-47, ALE-50, as well as other Tri-Service EW systems with initial operational capability dates in the early 2000's.</p> <p>(U) This project provides for the development of an Integrated Air Defense T&E capability to be fielded at each of the three sites comprising the Navy's Tri-Center complex: NAWCWD, China Lake and Point Mugu in CA, and NAWCAD, Patuxent River, MD.</p>											

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<p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS :</p> <p>1. FY 2001 PLANS:</p> <ul style="list-style-type: none">- (U) (\$.457) Completed SUTLER HITCH to support ASTE, Navy Advanced Expendables.- (U) (\$1.468) Initiated IR Target Array.- (U) (\$1.099) Continued Advanced Multiple-Emitter Simulator Direction Finding Modification.- (U) (\$2.180) Continued Radar Signal Density Environment (RSDE) Mobile.- (U) (\$.350) Completed I-23 additional seeker integration.- (U) (\$1.200) Completed Blue Army Threat Seeker for Missile on Mountain (MOM).- (U) (\$2.469) Continued Hybrid Laboratory Simulator (HLS) MOBCAP Upgrades.- (U) (\$.326) Completed infrared ultra violet radio frequency (IR/UV/RF) Sensor/Facilities Integration.- (U) (\$.100) Continued Validation and Updates- SIMVAL.- (U) (\$.200) Continued Validation and Updates- Radar and Weapon Simulator Updates.- (U) (\$.400) Continued Validation and Updates- Validation.- (U) (\$1.080) Continued ECHO technical and engineering support.- (U) (\$.250) Continued ECHO System Engineering activity.- (U) (\$1.029) Continued ECHO Test Requirements activity.		

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<p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS:</p> <p>2. FY 2002 PLANS:</p> <ul style="list-style-type: none"> - (U) (\$1.015) Initiate IR/UV Mobile. - (U) (\$1.600) Initiate IR Stimulator. - (U) (\$2.618) Continue IR Target Array. - (U) (\$.750) Complete Advanced Multiple-Emitter Simulator Direction Finding Modification. - (U) (\$.200) Complete Radar Signal Density Environment (RSDE) Mobile. - (U) (\$.750) Initiate Advanced ManPads. - (U) (\$.500) Initiate Reprogrammable Early Warning (EW)/Acquisition (ACQ) Radar. - (U) (\$.900) Complete Hybrid Laboratory Simulator (HLS) MOBCAP Upgrades. - (U) (\$.243) Initiate Remote/Terminal Electronic Combat Range- Electronic Combat Simulation and Evaluation Laboratory (R/T ECR-ECSEL) Link. - (U) (\$.075) Initiate and complete Air Combat Environment Test and Evaluation Facility (ACETEF) IR Instrumentation. - (U) (\$2.897) Initiate 1 vs 1 IR Alert/Response. - (U) (\$.410) Initiate 1 vs 2 IR Alert/Response. - (U) (\$.100) Continue Validation and Updates- SIMVAL. - (U) (\$.375) Continue Validation and Updates- Radar and Weapon Simulator Updates. - (U) (\$.375) Continue Validation and Updates- Missile/Gun Updates. - (U) (\$.400) Continue Validation and Updates- Validation. - (U) (\$1.203) Continue ECHO technical and engineering support. - (U) (\$.331) Continue ECHO System Engineering activity. - (U) (\$1.041) Continue ECHO Test Requirements activity. -(U)(\$.493) Portion of extramural program reserved for Small Business Innovation Research assessment in accordance with 15USC 638. 		

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-6	PROGRAM ELEMENT NUMBER AND NAME PE 0604256N, Threat Simulator Development	PROJECT NUMBER AND NAME E0602, ECHO
<p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS:</p> <p>3. FY 2003 PLANS:</p> <ul style="list-style-type: none">- (U) (\$.950) Complete IR/UV Mobile.- (U) (\$2.285) Continue IR Stimulator.- (U) (\$2.800) Complete IR Target Array.- (U) (\$.750) Continue Advanced ManPads.- (U) (\$.875) Continue Reprogrammable Early Warning (EW)/Acquisition (ACQ) Radar.- (U) (\$.235) Continue Remote/Terminal Electronic Combat Range- Electronic Combat Simulation and Evaluation Laboratory (R/T ECR-ECSEL) Link.- (U) (\$.263) Complete 1 vs 1 IR Alert/Response.- (U) (\$2.655) Continue 1 vs 2 IR Alert/Response.- (U) (\$1.295) Initiate 1 vs M RF Alert/Response.- (U) (\$.100) Continue Validation and Updates- SIMVAL.- (U) (\$.525) Continue Validation and Updates- Radar and Weapon Simulator Updates.- (U) (\$.450) Continue Validation and Updates- Missile/Gun Updates.- (U) (\$.400) Continue Validation and Updates- Validation.- (U) (\$1.308) Continue ECHO technical and engineering support.- (U) (\$.300) Continue ECHO System Engineering activity.- (U) (\$1.181) Continue ECHO Test Requirements activity.		

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APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-6	PROGRAM ELEMENT NUMBER AND NAME PE 0604256N, Threat Simulator Development	PROJECT NUMBER AND NAME E0602, ECHO

(U) B. PROGRAM CHANGE SUMMARY:

	FY2001	FY2002	FY2003
(U) FY 2002 President's Budget:	13.412	16.417	
(U) Adjustments from the FY2002 President's Budget:	-0.804	-0.141	
(U) FY 2003 President's Budget Submit:	12.608	16.276	16.372

CHANGE SUMMARY EXPLANATION:

(U) Funding: The FY 2001 decrease of \$0.804 million reflects a decrease of \$0.717 million for reprioritization of requirements within the Navy and a decrease of \$ 0.087 million for Small Business Innovative Research assessment. FY 2002 net decrease of \$.141 reflects a decrease of \$.145 million for an undistributed congressional reduction offset by an increase of \$.004 million which will be used for system engineering support.

(U) Schedule: Schedule changes from the President's budget are a direct result of the funding changes identified above. The FY 2001 decrease resulted in a 3 month slip in the Hybrid Laboratory Simulator (HLS) MOBCAP effort IOC (from 3rd QTR FY02 to 4th QTR FY02) and a 3 month slip in the IR Target Array prototype analysis and design schedule.

(U) Technical: Not Applicable.

(U) C. OTHER PROGRAM FUNDING SUMMARY: Not applicable

(U) D. ACQUISITION STRATEGY: The Electronic Warfare Threat Simulator Development program is a Non-ACAT Program which operates in accordance with the OPNAV approved Electronic Warfare Test and Evaluation Resource Investment Strategy (with no specific acquisition strategies). The Electronic Warfare Environment Simulation Project, under the Threat Simulator Development Program, is unique in that it is the only program within the Department of Defense dedicated solely to developing and providing Naval threat assets for test and evaluation and is a critical part of the Under Secretary of Defense for Acquisition (USD(A)) annual Electronic Warfare Plan. This plan employs many of the Electronic Warfare Simulation Development project resources for the planning, analysis, testing, and verification of airborne EW equipment. To preclude unwarranted intra-Service and inter-Service duplication, T&E resource requirements are coordinated through the OSD Test Investment Coordinating Committee and the Navy Tri-Center complex for mutual support, cost reduction, and increased test effectiveness. The Navy's Electronic Warfare Test and Evaluation Resource Investment Strategy emphasizes a coordinated analysis and prioritization of Navy EW T&E requirements and implementation of disciplined design-to-cost techniques.

(U) E. SCHEDULE PROFILE: Not applicable

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Exhibit R-3 Cost Analysis (page 1)								DATE: February 2002				
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-6			PE 0604256N, Threat Simulator Development			E0602, ECHO						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost to Complete	Total Cost	Target Value of Contract
IR Target Array	C/CPFF	TSC, Los Angeles, CA		0.700	11/00	1.000	11/01	1.000	11/02	1.500	4.200	4.200
IR Target Array	WX	NAWC-WD, China Lake, CA		0.836	10/00	1.563	10/01	1.600	10/02	1.300	5.299	5.299
IR Target Array	C/CPFF	EWA, Ridgecrest, CA		0.200	11/00	0.200	11/01	0.200	11/02	0.200	0.800	0.800
AMES DF Modification	C/FFP	COMPTEK, Elmhurst, NY	2.511	0.750	11/00	0.500	11/01				3.761	3.761
RSDE Mobile	WX	NAWC-WD, China Lake, CA	1.668	2.180	11/00	0.200	10/01				4.048	4.048
Blue Army Seeker	C/CPFF	GTRI, Atlanta, GA	1.729	0.690	11/00						2.419	2.419
HLS MOBCAP	C/CPFF	EWA, Marlton, NJ	1.700	1.649	11/00	0.618	11/01				3.967	3.967
Award Fees		EWA, Marlton, NJ	0.120	0.095	11/00	0.043	11/01				0.258	0.258
IR/UV Mobile	C/CPFF	TBD, China Lake, CA				0.800	03/02	0.700	11/02		1.500	1.500
IR Stimulator	C/CPFF	TSC, Los Angeles, CA				0.700	11/01	0.800	11/02	0.700	2.200	2.200
1V1 IR Alert/Response	C/CPFF	EWA, Ridgecrest, CA				3.197	03/02	0.263	11/02		3.460	3.460
1V2 IR Alert/Response	C/CPFF	EWA, Ridgecrest, CA				0.410	03/02	2.655	11/02	0.450	3.515	3.515
IR Stimulator	WX	NAWC-WD, China Lake, CA				0.900	11/01	1.485	10/02	1.275	3.660	
Hdw/Sw Dev. Systems Engineering	WX	NAWC-WD, China Lake, CA	50.359	3.499	11/00	3.612	11/01	4.579	10/02	Continuing	Continuing	
Miscellaneous	Various	NAWC-WD, China Lake, CA	20.898	1.854	02/01	1.890	02/02	2.962	10/02	Continuing	Continuing	

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Exhibit R-3 Cost Analysis (page 2)							DATE: February 2002					
APPROPRIATION/BUDGET ACTIVITY			PROGRAM ELEMENT			PROJECT NUMBER AND NAME						
RDT&E, N / BA-6			PE 0604256N, Threat Simulator Development			E0602, ECHO						
Cost Categories	Contract Method & Type	Performing Activity & Location	Total PY s Cost	FY 01 Cost	FY 01 Award Date	FY 02 Cost	FY 02 Award Date	FY 03 Cost	FY 03 Award Date	Cost to Complete	Total Cost	Target Value of Contract
Subtotal T&E												
Remarks: Not Applicable												
Travel	WX	NADEP, Jax, FL	0.069	0.015	10/00	0.010	10/01	0.010	10/02	Continuing	Continuing	
Misc.	RX	Various		0.140	10/00	0.140	10/01	0.118	10/02	Continuing	Continuing	
SBIR Assessment	RX	TBD				0.493					0.493	
Subtotal Management			0.069	0.155		0.643		0.128		Continuing	Continuing	
Remarks:												
Total Cost			79.054	12.608		16.276		16.372		Continuing	Continuing	
Remarks: There are no support costs.												

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EXHIBIT R-2a, RDT&E Project Justification								DATE:				
								February 2002				
APPROPRIATION/BUDGET ACTIVITY		PROGRAM ELEMENT NUMBER AND NAME				PROJECT NUMBER AND NAME						
RDT&E, N / BA-6		0604256N, Threat Simulator Development				R0672, Effectiveness of Navy Electronic Warfare Systems (ENEWS)						
COST (\$ in Millions)		Prior Year Cost		FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	Cost to Complete	Total Program
Project Cost				10.607	13.568	14.227	14.362	14.973	15.244	15.544	Continuing	Continuing
RDT&E Articles Qty												
<p>(U) A. MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: The objective of the Effectiveness of Navy Electronic Warfare (EW) Systems (ENEWS) Project is the development and application of necessary simulation assets to determine the effectiveness of EW for navy ships in simulated real-world engagement situations. The Project primarily supports the introduction of modern, effective shipboard and offboard EW systems, and tactics for the Surface Navy. The heavy use of ENEWS resources by Naval Sea Systems Command (NAVSEA), Operational Test and Evaluation Force (OPTEVFOR), Special Operations and other EW Research Development Test and Evaluation (RDT&E) agencies speaks to the overall importance of this Project. The Project provides support for EW system Design Engineering Test (ET), Development Test (DT), Operational Test (OT), and the development of utilization tactics. Its quick reaction capabilities have had great impact on crisis situations such as the Lebanon and Libyan crises, Iran Harpoon threat, Persian Gulf crisis and Operation Desert Storm/Shield. The primary threat to surface ships is Anti-Ship Capable Missile (ASCM) systems. The ENEWS Project is unique in that it is the only project within the Department of Defense (DOD) dedicated to developing and providing realistic ASCM assets to test and evaluate the effectiveness of shipboard EW systems and tactics against these type threats. The ENEWS Project is a critical part of the Office of the Secretary of Defense (OSD) Test Resource Master Plan. This plan employs many of the ENEWS assets for planning, analysis, testing and verification of shipboard and offboard EW systems, techniques and tactics. As part of its normal activities, ENEWS provides Development Test and Evaluation (DT&E), Operations Test and Evaluation (OT&E) and Forces Operations Test and Evaluation (FOT&E) support to the Surface Navy for all ship classes. DT, OT and Forces Operational Test (FOT) support includes SLQ-32 updates as required, R17.OX (NULKA), the phase-in of AIEWS [AN/SLY-2(V)] beginning in FY-00, Rapid Anti-ship Integrated Defense System (RAIDS), all MK245 Giant tests, Advanced Infrared (IR) Decoys, Decoy placement (Littoral), Ship IR Signature and Radar Cross Section (RCS) measurement of DDG-51, LPD-17, DD-21 and PC class ships, AN/SLY-2(V) phase two, High Power Microwave (HPM) Program, and other Ship Self-Defense initiatives, including test and evaluation of Future Navy Initiatives Capability (FNC) process. In addition, ENEWS assets are regularly employed to test the effectiveness of North Atlantic Treaty Organization (NATO) ships' EW systems in Joint Allied Exercises</p> <p>(U) PROGRAM ACCOMPLISHMENTS AND PLANS:</p> <p>1. FY 2001 ACCOMPLISHMENTS:</p> <ul style="list-style-type: none">- (U) (\$.625) Continued Computer Simulation (COMSIM) Readiness- (U) (\$.257) Continued COMSIM Scenario Implementation, Environment Generator & System Engineering (Completed Radar/Tactics Model Transitions)- (U) (\$.083) Continued COMSIM Validation (Completed 1 Validation Report)- (U) (\$.106) Continued COMSIM Treat Database Repository Updates- (U) (\$1.593) Continued Radio Frequency Simulation (RFSIM) Simulator Readiness- (U) (\$1 .150) Continued RFSIM Multi-threat Processor Upgrade. (I-band)- (U) (\$.274) Continued RFSIM Validation (Completed 2 Validation Reports)- (U) (\$.035) Continued RFSIM Dual Radio Frequency (RF)/Anti-Radiation Missile (ARM) Seeker Simulator- (U) (\$.050) Continued RFSIM Analytical and Reporting Software (Completed November Tools)- (U) (\$1 .215) Continued Infrared Simulation (IRSIM) Simulator Readiness- (U) (\$.075) Continued IRSIM VICTOR Simulator Upgrades (SIM B and SIM 3a) and System Engineering- (U) (\$.079) Continued IRSIM Validation (Completed 1 Validation Report)												

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APPROPRIATION/BUDGET ACTIVITY	PROGRAM ELEMENT NUMBER AND NAME	PROJECT NUMBER AND NAME	
RDT&E, N / BA-6	0604256N, Threat Simulator Development	R0672, Effectiveness of Navy Electronic Warfare Systems (ENEWS)	
(U) PROGRAM ACCOMPLISHMENTS AND PLANS:			
- (U) (\$.819) Continue ENEWS Plans and Programs			
- (U) (\$4.246) Initiated Classified Program			
2. FY 2002 PLANS :			
. (U) (\$1.161) Continue Simulator Hardware Upgrades (Continue Multi-Threat Processor Upgrade. (I-band))			
. (U) (\$1 .004) Continue Simulator Software Upgrades (Initiate/Complete IRSIM VICTOR Simulator Upgrades)			
.- (U) (\$.196) Continue Simulator Characterization (Characterize 6 Simulators)			
. (U) (\$.880) Continue Simulator Maintenance (Maintain 21 Simulators)			
. (U) (\$.345) Continue Simulator Control Panels (Initiate/Complete IRSIM FOXTROT SIM1 Control Panel)			
. (U) (\$1.195) Continue Laboratory Facilities			
. (U) (\$.190) Continue Threat Repository			
. (U) (\$.640) Continue Simulation Instrumentation			
. (U) (\$.505) Continue Simulation Validation (Complete 4 Validation Reports)			
. (U) (\$.892) Continue Electronic Attack (EA)/Electronic Support (ES) Simulations			
. (U) (\$.460) Continue Program Management			
- (U) (\$6.100) Continue Classified Program			
3. FY 2003 PLANS:			
- (U) (\$1.080) Continue Simulator Hardware Upgrades (Continue Multi-threat Processor Upgrade. (I-band))			
. (U) (\$.745) Continue Simulator Software Upgrades (Initiate/Complete IRSIM VICTOR Simulator Upgrades)			
. (U) (\$.205) Continue Simulator Characterization (Characterize 6 Simulators)			
. (U) (\$.845) Continue Simulator Maintenance (Maintain 21 Simulators)			
. (U) (\$.325) Continue Simulator Control Panels (Initiate/Complete RFSIM November II and IRSIM MEIR Simulator Control Panels)			
. (U) (\$1.100) Continue Laboratory Facilities			
. (U) (\$.195) Continue Threat Repository			
. (U) (\$.406) Continue Simulation Instrumentation			
. (U) (\$.610) Continue Simulation Validation (Complete 5 Validation Reports)			
. (U) (\$.699) Continue EA/ES Simulations			
. (U) (\$.617) Continue Program Management			
- (U) (\$7.400) Continue Classified Program			

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EXHIBIT R-2a, RDT&E Project Justification		DATE: February 2002
APPROPRIATION/BUDGET ACTIVITY RDT&E, N / BA-6	PROGRAM ELEMENT NUMBER AND NAME 0604256N, Threat Simulator Development	PROJECT NUMBER AND NAME R0672, Effectiveness of Navy Electronic Warfare Systems (ENEWS)

(U) B. PROGRAM CHANGE SUMMARY:

	FY2001	FY2002	FY2003
(U) FY 2002 President's Budget:	10.638	13.689	
(U) Adjustments from the FY2002 President's Budget:	-0.031	-0.121	
(U) FY 2003 President's Budget :	10.607	13.568	14.227

CHANGE SUMMARY EXPLANATION:

(U) Funding: The FY 2001 net decrease of \$.031 million consists of an increase of \$.039 million for execution adjustments and a decrease of \$.070 million for SBIR reduction. The FY 2002 net decrease of \$.121 million is due to Section 8123 management reform initiative adjustment.

(U) Schedule: Not Applicable

(U) Technical: Starting in FY01 the Project was reduced by approximately 50% with funding being applied to a separate classified program. Future Project plans to accomplish stated technical objectives for threat simulator development have been re-baselined and re-prioritized to accommodate this change. Tasks from the previous R-2 have been addressed in the new baseline and mapped into the new R-2 commencing FY02 as follows: COMSIM System Readiness= LAB Facilities; COMSIM Scenario Implementation...Engineering=EA/ES Simulations; COMSIM Validation= Simulator Validation; COMSIM Threat Database Repository Updates=Threat Repository; RF Simulator Readiness= Simulator hardware and software upgrades, simulator characterization, simulator maintenance, and simulator control panels; RFSIM Multi-Threat Processor upgrade= Simulator hardware and software upgrades; RF Validation= Simulator Validation; RFSIM Dual Mode RF/ARM Seeker Simulator= Simulator hardware and software upgrades; RFSIM Analytical and Reporting System= Simulator instrumentation; IR Readiness= Simulator hardware and software upgrades; IRSIM Victor Simulator Upgrades= Simulator hardware and software upgrades; IRSIM Validation=Simulator Validation; ENEWS Plans and Programs= Program Management.

(U) C. OTHER PROGRAM FUNDING SUMMARY: Not Applicable

(U) D. ACQUISITION STRATEGY: * Not Required

(U) E. SCHEDULE PROFILE: * Not Required

* Not required for Budget Activities 1, 2, 3, and 6.

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